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To : Mr. Hanh Phan
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PAGE 1/2 * RCVD AT 6/20/2005 7:07:56 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/0 * DNIS:8729306 * CSID:moshe gavish * DURATION (mm-ss):01-18

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Mr. Hanh Phan - Examiner
Art Unit - 2633 , fax 017-1-703-872-9306
Commissioner for patent and trademark office
P.O. Box 1450 Alexandria, Virginia 22313-1450

20 June 2005

Dear Mr. Phan

Subject: Application No. 10/026,895 Applicant GAVISH, MOSHE.

After reading your Office Action Summary dated 03/25/2005 and the 2 relevant Patents US-5,818,619 by Medved et al. and US 5,912,910 by Sanders et al. , I am Convinced that your decision to reject my pending claims as an obvious outcome From Medved and Sanders is not justified.

Let me first analyze the Medved patent.

This patent provides a method for connecting a wireless communication system To a plurality of communication networks, each having a different fundamental Type of basic networking technologies. Disintegrating this patent to basic building blocks I couldn't find even one element that is not common knowledge, but the patent Was granted based on the combination of building blocks that solve a real problem Facing wireless communication systems. Actually Medved et al., which are experts in The field knew about the weather problems and in claim 5 included RF airlink, and Ultrasound airlink transceivers, but not the middle infrared transceiver. It is clear that Medved et al knew about non-linear conversion and crystals as it is An old common knowledge, as is also optical wireless communication.

Regarding the Sanders patent he invented a better method to create mid-IR radiation, but in the region 2-5 micron. I did not claim to invent anything similar, I even gave a reference to Yoo about this technology. The fact that Sanders wrote That mid-infrared wavelength can be used for communication to overcome fog is nothing new and is known many years by anybody who has skill in the art.

During my visits in the US I met some people in the business of optical wireless Communication and told them about my idea, they are certainly leaders in the field, No one has told me that my idea is obvious, the question was about the number of customers who would need this extra properties and who will be ready to pay for this.

I even think that keeping everything the same and just using my proposed system for Conversion from 0.85 to 1.3 micron is a real progress in the art as it gives an all optical solution to the Medved problem and obtains the advantage of wide band and WDM (Wavelength division multiplexing) solution that are not mentioned by either Patent.

My invention is to overcome two main problems, the weather as does the RF and bandwidth that the RF cannot do. In the way I solve the problem of multiple conversion from optical to electronic data a back. No one skilled in the field can say My solution id obvious, they can only say it is simple. I would even dare to say that If we adapt your standards to obvious 90% of the patents granted I read, are more Obvious than mine.

Regards
Dr. Moshe Gavish